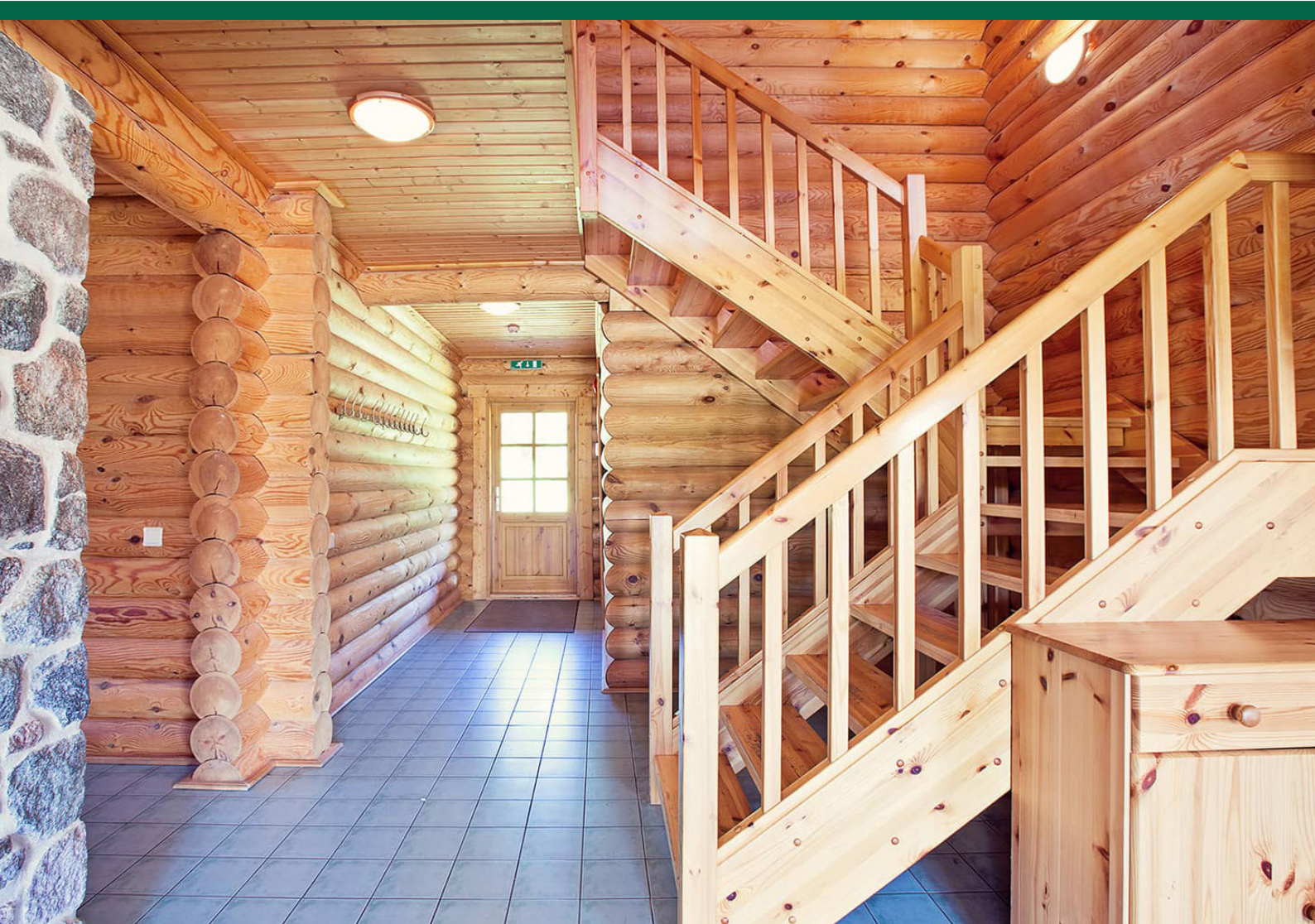


PALMATIN



STAIRCASES



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Staircases

Safe, durable and expressive - in our opinion, this is what a staircase should be and look like.

The safety level of a staircase is highly significant to prevent falls and loose of balance, being sometimes the cause of serious injuries. The risers, step dimensions, handrail or railing are elements participating into the staircase security. It is even more important to secure the stairs for young children or elders.

The quality of the staircase materials is crucial for building durable and reliable stairs, as it will be used every day. As a house investment, the staircase needs to last through time, provides the same safety year after year and keeps beautiful appearances.

The stairs are expressive and bring to a room and a residence a lot of character. A staircase can define the style of the interior design, this is why, the selection of materials, finishing and structure should not be forgotten. The staircase configuration will ensure comfort when climbing and, if well thought, will match with the layout without wasting space. Furthermore, solutions exist to make the stairs also functional and optimise the space.

The staircases are manufactured using advanced technology and the savoir-faire, which ensure high quality, quick and efficient work.

Together we will find the best solutions to create the perfect stairs for your interior, but also in terms of price, material, design and colour. Palmatin proposes you a selection of prefabricated models, however, you can also choose to personalise the staircase according to your tastes.

Palmatin delivers your staircase assembled and ready to be installed in the house.

Your home is special, so is your staircase.

Choosing or designing a staircase

Choosing the right stairs for your home can be challenging as many options and design exist. The staircase is not only a home component and decoration element but ensures safety, needs to be practical and durable. To help you make the right choice, here are some questions you can go through during the staircase selection or design process:

- How is the safety of the stairs ensure? How to improve it?
- What are the staircase measurements?
- Where will the staircase be placed and what are the house and room features that need to be taken into account (windows, open-space, staircase options, etc)?
- What can be the staircase shape? Which one can suit the space the most? Which one do I want?
- Who will be using the stairs the most (kids, adults, elders, pets, etc)?
- What design do I want for the stairs (open step, no railing)?
- What design do I want for the handrails?
- What materials to select for the stairs and its components (glass, metal, wood, etc)?
- What is the budget?

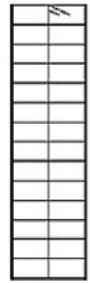


Staircase shapes

Different staircase shapes are available and possible to fit the interior space and features, match the ideas and design. Some shapes are more common and can be found when selecting a prefabricated staircase. The standards shapes show several advantages and are often more affordable than a custom-made staircase.

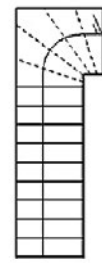
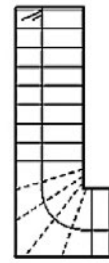
However, the choice of the stairs components and their different associations make the stairs unique.

MOST COMMON STAIRCASE SHAPES



STRAIGHT STAIRS

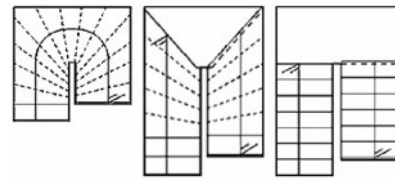
- Comfortable;
- Easy to install;
- Economical;
- Minimalist design, ideal for matching a lot of styles;
- Variation: middle landing,



1/4 TURN WINDER STAIRS

When the steps are used to create the turn, the staircase is qualified as a winder.

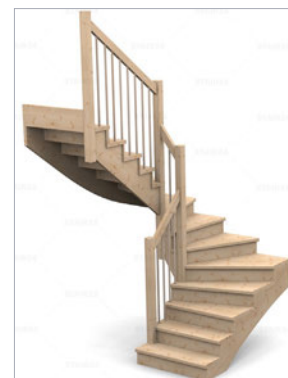
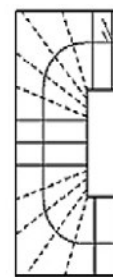
- Turn at the bottom or top;
- Comfortable;
- Ideal for corners;
- Visually interesting;
- Variation: flat landing.



2/4 TURN / U-SHAPE STAIRS

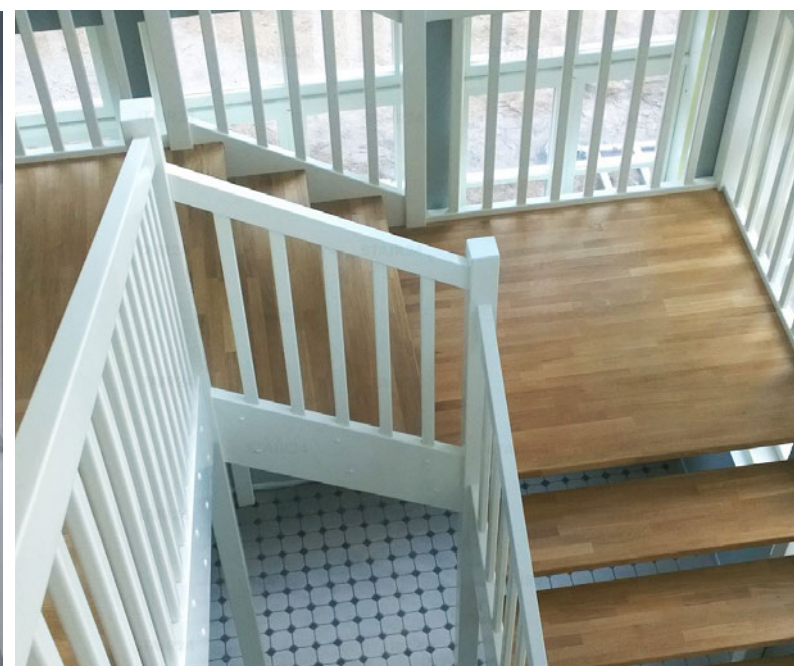
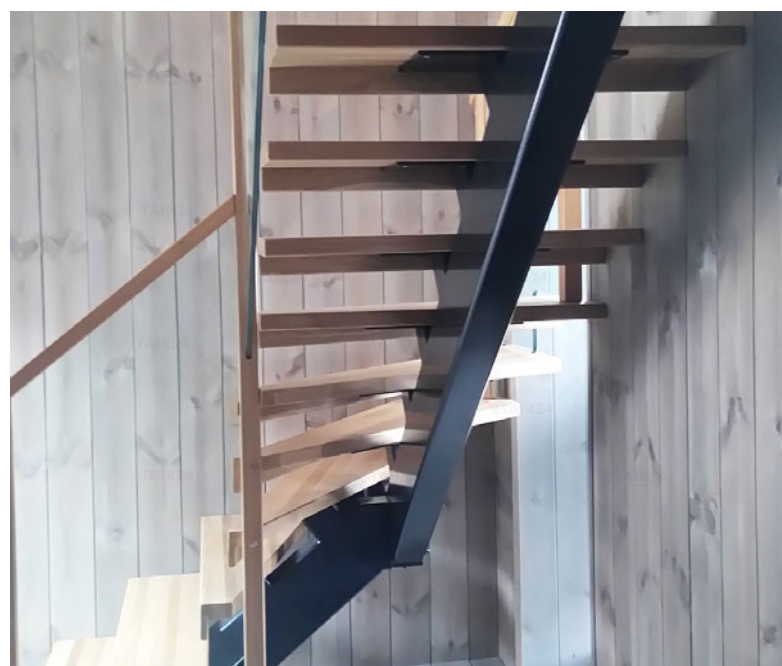
The 2/4 turn staircase is an intermediary between the 1/4 stairs and the spiral stairs.

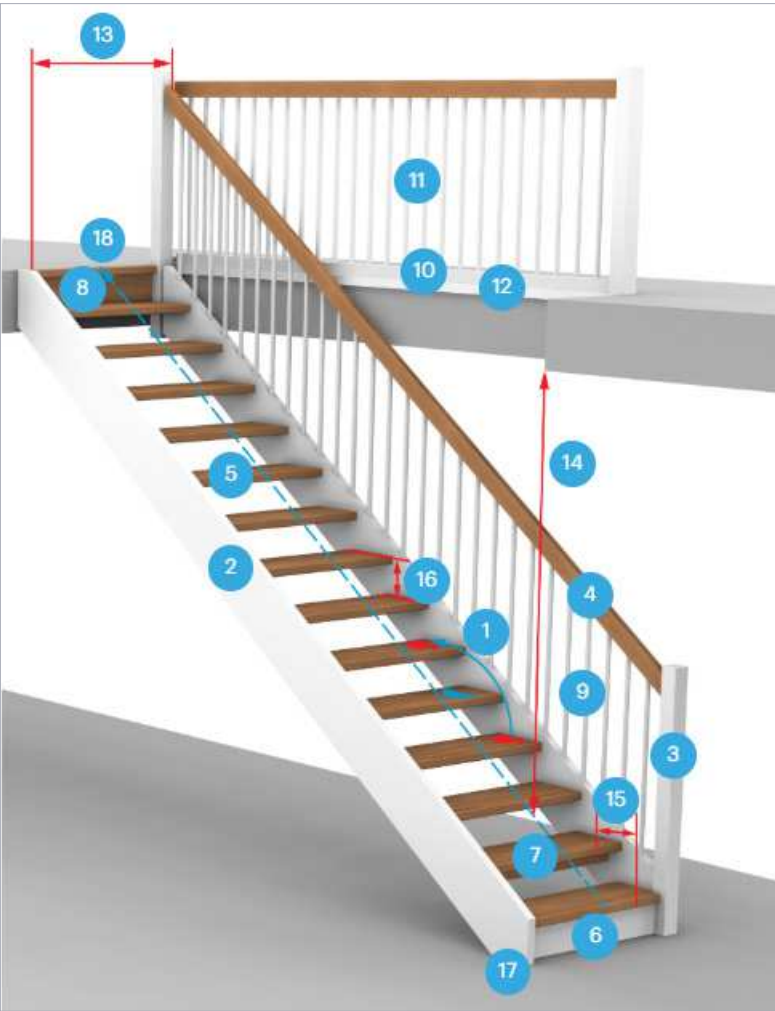
- More adapted to certain architectural plan;
- Space-saving;
- More attachment points;
- Variation: winder, semi-winder, flat-landing.



3/4 TURN WINDER STAIRS

Compared to the 1/4 turn stairs, the 3/4 turn staircase possesses two turns. It can, for instance, be placed alongside a wall.





- 1. STEP COMFORT: the space between two steps and their dimensions are important to make the stairs comfortable;
- 2. STRINGER: can be closed (classic) or open (modern); made of wood;
- 3. POST: the stinger and handrails are fixed to the post; made of wood;
- 4. HANDRAIL: participate into stair security and safety; made of wood;
- 5. STEPS: depending on the stringer, the steps are fixed with tenons or dowels; made of wood;
- 6. RISER: Top edge and ends are fixed in steps and stringers with tenons in steps and stringers. The bottom edge is fixed in steps with screws; made of wood or MDF;
- 7. CHILD SLAT: fixed into steps with strew; made of wood;
- 8. COVER PLATE: wood material or MDF;
- 9. BALUSTER: drilled into stringer or steps and handrails; made of wood or stainless steel;
- 10. BOTTOM SLAT: made of wood or HDF;
- 11. BALCONY: the material choice is the same as stair railing
- 12. COVER SLAT: cover well hole edge
- 13. FREE PASSAGE: dimension from the wall to the outer side of the stair. Vary according to the handrail choice.
- 14. HEADROOM: Smallest distance between walking line and rood edge;
- 15. STEP RUN: Horizontal measure from stem front edge to next step front edge;
- 16. STEP RISE: Vertical measure step top edge to next step top edge;
- 17. ADDITIONAL MEASURE FOR INSTALLATION: Stringer, post, riser extra measure for installation.
- 18. CONNECTION SLAT: upper and floor baseboard connection molding. Selectable as an additional supply.

DESIGN

The stair design and final look do not only depend on the materials, but also the shape, structure, and finishing of the stairs. Different options can be selected for the stairs structure, in addition to its shape:

- CLOSED STEPS: the closed step provides higher safety when climbing the stairs. The closed step stairs are looking traditional and classic than open steps staircase.
- OPEN STEPS: the stairs adopt a contemporary and modern look. As the risers are open, the open step solution also offers more luminosity in the room as it let the light through the stairs.
- HANDRAIL/RAILING POSITION: The railing and handrail can be placed on both sides of the stairs. It is also possible to install the handrail or the railing only on the exterior side of the stairs or just on the wall. If desired, both can be completely removed, offering a spacious and modern staircase.
- HANDRAIL/RAILING DECORATION: The handrail and railing can both be decorated. The wood can be carved or sculpted, the metal can be forged and the glass stained.
- INTEGRATED LIGHT: to give an original touch to your stairs and make them more practical, light spots and rail can be integrated on the handrail or into the stairs structure.



MATERIAL

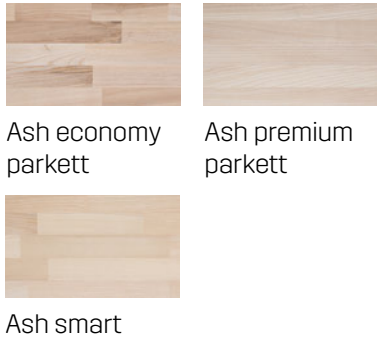
A staircase is an integral part of the interior decoration. Many styles can be created by mixing materials and thus match the design of your house.

Most of the stairs in the houses are mainly made of wood. The wood offers good resistance and durable. It always brings a warm atmosphere and is easy to associate with decoration styles. Many varieties of wood are available and suitable for stairs, such as beech, oak, pine or ash.

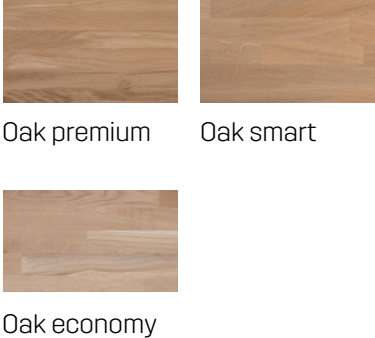
PINE



ASH



OAK

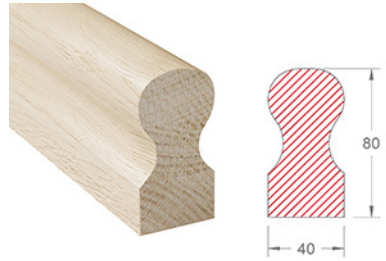


BEECH

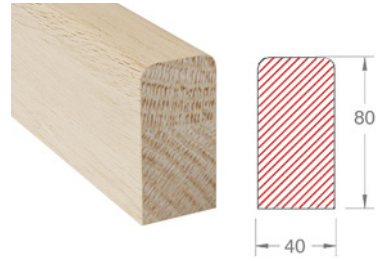


Handrail profiles

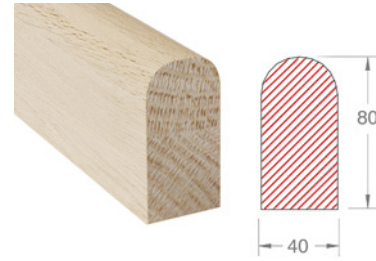
CLASSIC 1



LIGHT

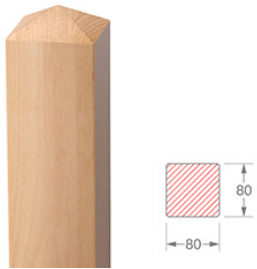


LIGHT R

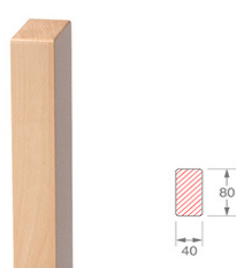


Post profiles

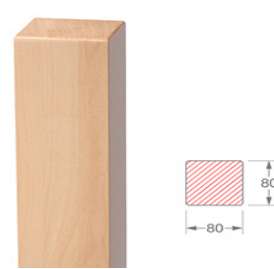
CENTRAL



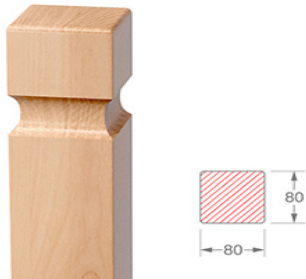
LIGHT 4



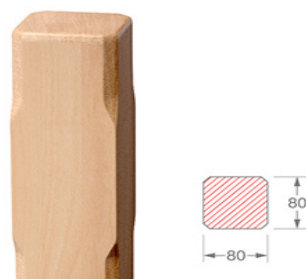
LIGHT 8



DESIGN

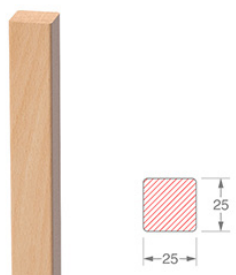


MODERN

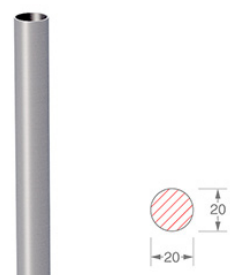


Baluster profiles

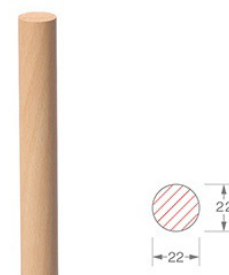
MODERN



STEEL ROUND 20



WOOD ROUND 22



Security and safety

The safety of the stairs is ensured by its solidity, quality, structure and good installation. If the steps and the dimensions of the stairs play a role in the security and provide comfort, the handrail is also fundamental for protection. The handrail goes from the bottom of the stairs and usually surrounds the landing on the first floor. It prevents the fall and the loss of balance, especially for young children and elders. If you decide to install a handrail, be sure to comply with the security norms and the mandatory measurements.



OPTIMISING THE SPACE

It is common to have a lot of free space left under the staircase. This space is a great opportunity to create storage and to increase the functionality of a house. Cupboards, shelves, wardrobes can be clever solutions not to lose any space.

Staircases models

Oslo range

Shape options



A Straight left B Straight right C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

STRINGER:	Classic
RISER:	Closed step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Berlin range

Shape options



A Straight left B Straight right C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

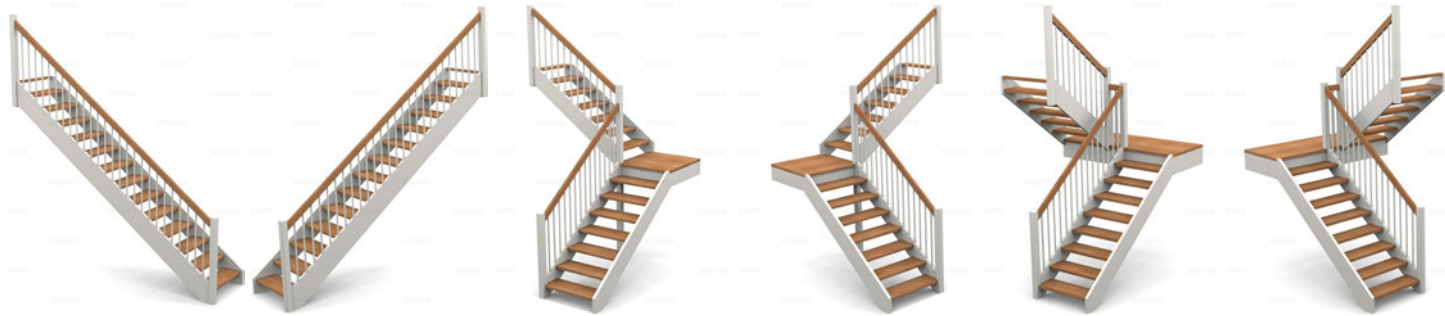
STRINGER:	Modern
RISER:	Closed step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Dublin range

Shape options



A Straight left B Straight right C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

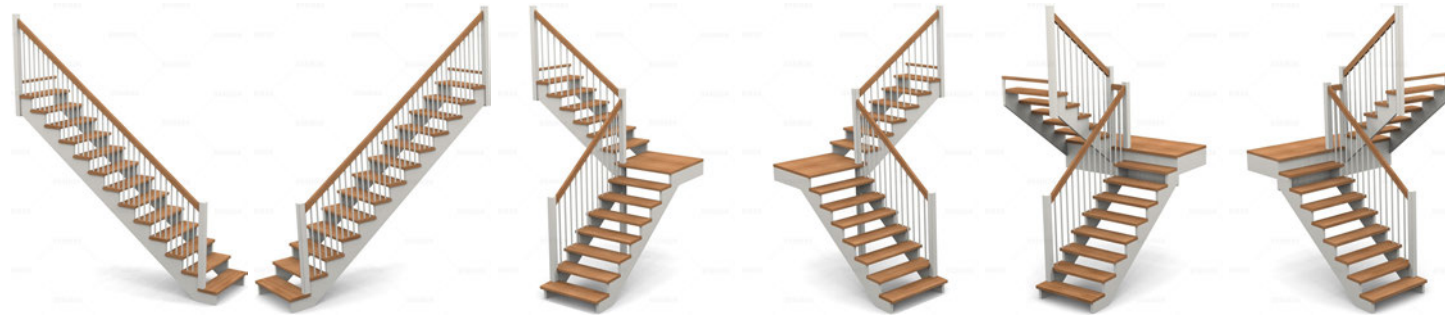
STRINGER:	Classic
RISER:	Open step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Helsinki range

Shape options



A Straight left B Straight right C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

STRINGER:	Modern
RISER:	Open step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Tallinn range

Shape options



C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

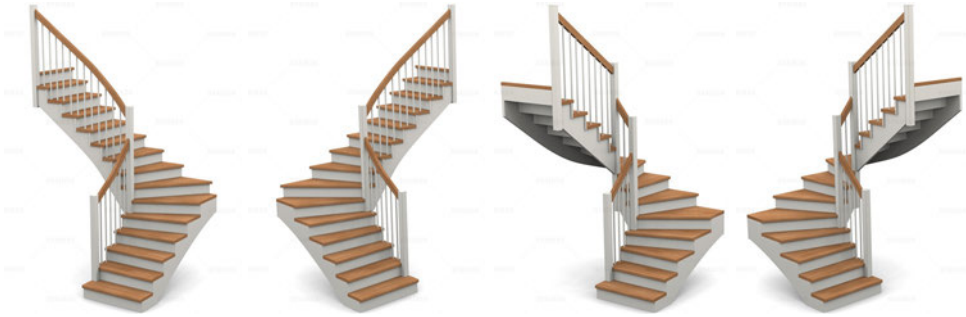
STRINGER:	Classic
Turn type	Winder tread
RISER:	Closed step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Stockholm range

Shape options



C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

STRINGER:	Modern
Turn type	Winder tread
RISER:	Closed step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Copenhagen range

Shape options



C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Range features

STRINGER:	Classic
Turn type	Winder tread
RISER:	Open step

Details options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

London range

Shape options



C Quarter turn L left D Quarter turn L right E Half turn U left F Half turn U right

Helsinki range features

STRINGER:	Classic
Turn type	Winder tread
RISER:	Open step

Helsinki range options

HANDRAIL POSITION:	RAILING POSITION:	HANDRAIL PRO-FILE:	POST PROFILE:	BALUSTER PROFILE:
Outside	Inside	Light	Light 4	Wood round 22
No	No	Light R	Light 8	Steel round 20
		Classic 1	Design	Modern
		No	Modern	No
			Central	
			No	

Finishing

A large choice of finishing is available to give the stairs the final touch and look. The rustic aspect of wood can be simply protected and nourished with oil, wood patterns can be preserved with a stain or by using a lacquer. The wood can also be painted with any colours as far as the paint is appropriate for wood. When selecting the finishing, be sure to carefully select a product able to protect the stairs from everyday use.

Finishing options

PINE SMART



Without finishing



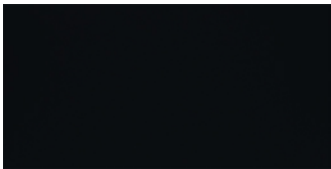
Lacquer



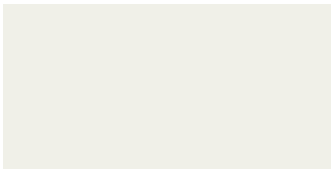
White stain 008-S + Lacquer



Brown stain 018 + Lacquer



Black paint RAL 9005



White paint RAL 9010

OAK SMART



Without finishing



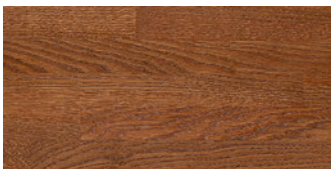
Lacquer



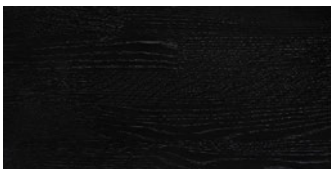
White stain 008-S + Lacquer



White stain 010-S + Lacquer



Brown stain 2755-S + Lacquer



Black stain 888-S + Lacquer

ASH SMART



Without finishing



Lacquer



White stain 008-S + Lacquer



White stain 010-S + Lacquer



Brown stain 2755-S + Lacquer

BEECH SMART



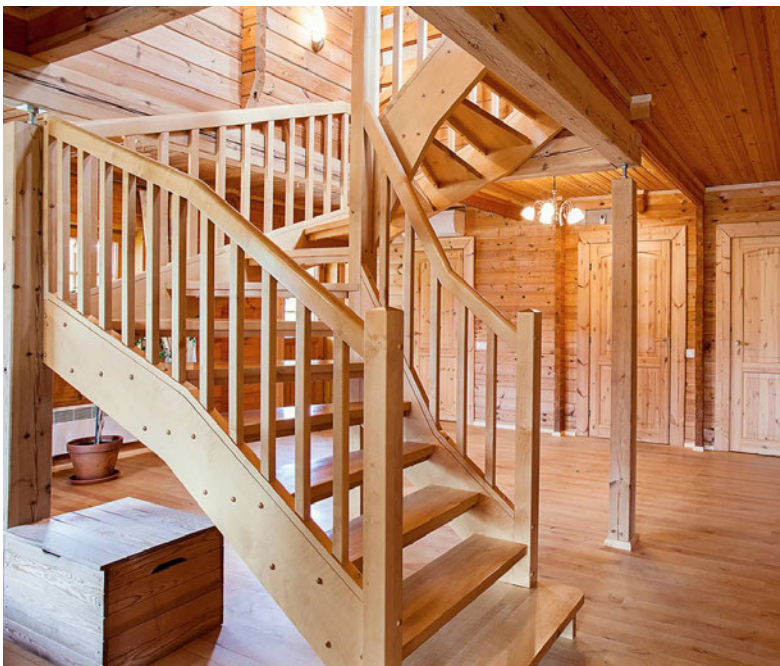
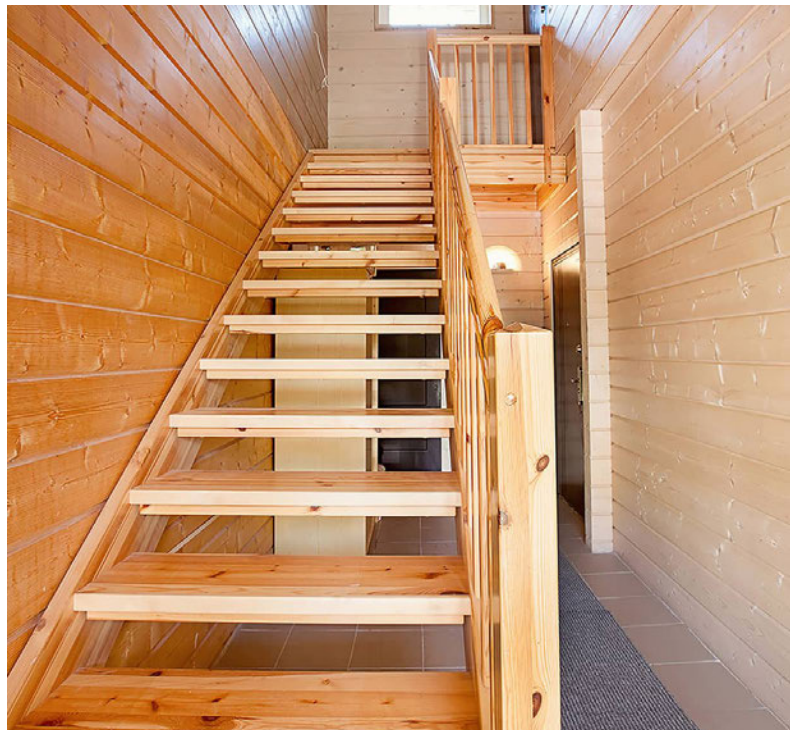
Without finishing



Lacquer



Brown stain 2755-S + Lacquer





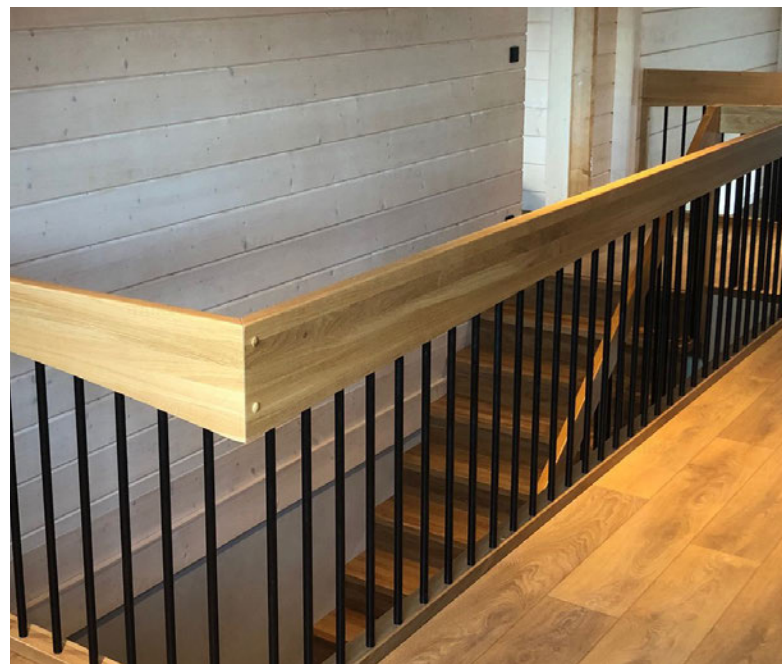
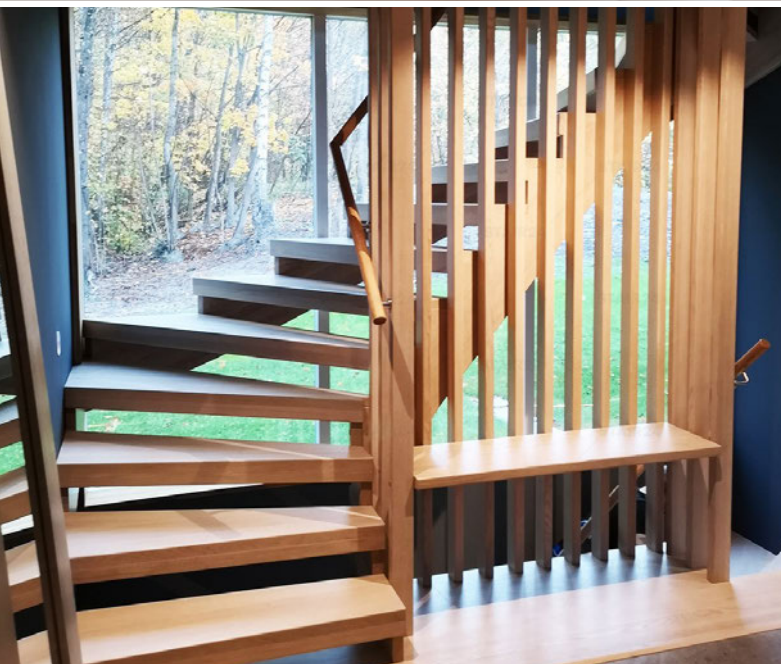
YOUR STAIRS, YOUR DESIGN!

FEEL FREE TO CUSTOM YOUR
STAIRCASE WITH OPTIONS OF YOUR
CHOICE



The staircase can also be created according to your design and ideas, giving the possibility to start the design from scratch and use all the accessories and materials freely. This solution allows creating a unique staircase specifically matching an interior.

Select among interesting and elegant material compositions, including different wood finishing, steel and glass.



Select Your Stairs

You can select the components of the stair models to compose the most suitable stairs for your interior. Fill the form hereunder with the elements you would like to associate and send it to us.

1. SELECT A RANGE:

<input type="checkbox"/> OSLO	<input type="checkbox"/> BERLIN	<input type="checkbox"/> DUBLIN	<input type="checkbox"/> HELSINKI
STRINGER: Classic	Modern	Classic	Modern
RISER: Closed step	Closed step	Open step	Open step
<input type="checkbox"/> TALLINN	<input type="checkbox"/> STOCKHOLM	<input type="checkbox"/> COPENHAGEN	<input type="checkbox"/> HELSINKI
STRINGER: Classic	Modern	Classic	Modern
RISER: Closed step	Closed step	Open step	Open step
TURN TYPE: Winder tread	Winder tread	Winder tread	Winder tread

2. SELECT A SHAPE AND STAIRS DIRECTION:

<input type="checkbox"/> A. STRAIGHT LEFT <small>Only for Oslo, Berlin, Dublin & Helsinki</small>	<input type="checkbox"/> B. STRAIGHT RIGHT <small>Only for Oslo, Berlin, Dublin & Helsinki</small>	<input type="checkbox"/> C. QUARTER TURN LEFT
<input type="checkbox"/> D. QUARTER TURN RIGHT	<input type="checkbox"/> E. HALF TURN U LEFT	<input type="checkbox"/> F. HALF TURN U RIGHT

3. SELECT STAIRS COMPONENTS:

1. HANDRAIL POSITION:	<input type="checkbox"/> OUTSIDE	<input type="checkbox"/> NONE		
2. RAILING POSITION:	<input type="checkbox"/> INSIDE	<input type="checkbox"/> NONE		
3. HAND RAILING PROFILE:	<input type="checkbox"/> LIGHT	<input type="checkbox"/> LIGHT R	<input type="checkbox"/> CLASSIC 1	<input type="checkbox"/> NONE
4. POST PROFILE:	<input type="checkbox"/> LIGHT 4	<input type="checkbox"/> LIGHT 8	<input type="checkbox"/> DESIGN	<input type="checkbox"/> MODERN
	<input type="checkbox"/> CENTRAL	<input type="checkbox"/> NONE		
5. BALUSTER PROFILE:	<input type="checkbox"/> WOOD ROUND 22	<input type="checkbox"/> STEEL ROUND 20	<input type="checkbox"/> MODERN	<input type="checkbox"/> NONE

4. PICK A MATERIALS AND FINISHINGS:

1. FOR TREADS & HANDRAILS

1. MATERIAL

- ☐ PINE SMART PARKETT
- ☐ PINE NATURAL PARKETT

2. FINISHING

- ☐ WITHOUT FINISHING
- ☐ LACQUER
- ☐ WHITE STAIN 008-S + LACQUER
- ☐ BROWN STAIN 018 + LACQUER
- ☐ BLACK PAINT RAL 9005
- ☐ WHITE PAINT RAL 9010

- ☐ BEECH SMART
- ☐ BEECH PREMIUM

- ☐ WITHOUT FINISHING
- ☐ LACQUER
- ☐ BROWN STAIN 2755-S + LACQUER

- ☐ ASH SMART
- ☐ ASH ECONOMY PARKETT
- ☐ ASH PREMIUM PARKETT

- ☐ WITHOUT FINISHING
- ☐ LACQUER
- ☐ WHITE STAIN 010-S + LACQUER
- ☐ BROWN STAIN 2755-S + LACQUER
- ☐ WHITE STAIN 008-S + LACQUER

- ☐ OAK SMART
- ☐ OAK ECONOMY
- ☐ OAK PREMIUM

- ☐ WITHOUT FINISHING
- ☐ LACQUER
- ☐ WHITE STAIN 008-S + LACQUER
- ☐ WHITE STAIN 010-S + LACQUER
- ☐ BROWN STAIN 2755-S + LACQUER
- ☐ BLACK STAIN 888-S + LACQUER

2. FOR STRINGERS, POSTS, BALUSTERS & RISERS

1. MATERIAL

If STEPS AND HANDRAILS ARE PINE:

- ☐ PINE SMART
- ☐ PINE NATURAL

2. FINISHING

- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005
- ☐ LACQUER
- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005

If STEPS AND HANDRAILS ARE BEECH:

- ☐ PINE SMART
- ☐ ASH SMART

- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005
- ☐ LACQUER
- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005

If STEPS AND HANDRAILS ARE ASH:

- ☐ PINE SMART
- ☐ ASH SMART

- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005
- ☐ LACQUER
- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005

If STEPS AND HANDRAILS ARE OAK:

- ☐ PINE SMART
- ☐ OAK SMART

- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005
- ☐ LACQUER
- ☐ WHITE RAL 9010
- ☐ BLACK RAL 9005



CONTACT US TO RECEIVE THE FORM TO FILL!

CUSTOMISE YOUR STAIRS!

If you wish to have a staircase on measurement with specific materials (glass, steel...), feel free to contact us and to describe the type of stairs you would like for your house!



01. Log houses and wooden constructions



02. Prefabricated houses



03. Additional House Elements & Accessories

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